This listing of claims will replace all prior versions and listings of claims in the application:

## Listing of Claims:

## (cancelled) 1-29.

- (currently amended) A method of preparing a multispecific antibody comprising a first 30. polypeptide and at least one additional polypeptide, wherein
- (a) the first polypeptide comprises a multimerization domain forming an interface positioned to interact with an interface of a multimerization domain of the additional polypeptide,
- (b) the first and additional polypeptides each comprise a binding domain, the binding domain comprising a heavy chain and a light chain, wherein the variable light chains of the first and additional polypeptides have at least 80% sequence identity, the method comprising the steps of:
- (i) culturing a host cell comprising a nucleic acid encoding the first polypeptide and a nucleic acid encoding at least one additional polypeptide, and the variable light chain, wherein the culturing is such that the nucleic acids is are expressed; and
  - (ii) recovering the multispecific antibody from the host cell culture.
- (currently amended) The method of claim 30, wherein the nucleic acid encoding the first 31. polypeptide or the nucleic acid encoding the additional polypeptide, or both, has been altered from the an original nucleic acid to encode the interface or a portion thereof.
- (previously presented) The method of claim 31 wherein the multimerization domains of **32**. one of the first or additional polypeptides, or both, are altered to comprise a free thiol-containing residue which is positioned to interact with a free thiol-containing residue of the interface of the other of the first or additional polypeptide such that a disulfide bond is formed between the first and additional polypeptides, wherein the nucleic acid encoding the first polypeptide has been



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altered from the original nucleic acid to encode the free thiol-containing residue or the nucleic acid encoding the additional polypeptide has been altered from the original nucleic acid to encode the free thiol-containing residue, or both.

(previously amended) The method of claim 30 wherein the multimerization domains of 33. the first and additional polypeptides comprise a protuberance-into-cavity interaction, wherein the method further comprises:

generating a protuberance by altering the original nucleic acid encoding the first polypeptide to encode the first polypeptide with an import residue having a larger side chain volume than the original residue, and

generating a cavity by altering a portion of the original nucleic acid encoding the additional polypeptide to encode the additional polypeptide with an import residue having a smaller side chain volume that the original residue.



- (previously presented) The method of claim 33, wherein the steps of generating a protuberance or generating a cavity, or both, occurs by phage display selection.
- (previously presented) The method of claim 33 wherein the import residue having a 35. larger side chain volume than the original residue is selected from the group consisting of arginine (R), phenylalanine (F), tyrosine (Y), tryptophan (W), isoleucine (I) and leucine (I.).
- (previously presented) The method of claim 33 wherein the import residue having a 36. smaller side chain volume than the original residue is selected from the group consisting of glycine (G), alanine (A), serine (S), threonine (T), and valine (V), and wherein the import residue is not cysteine (C).

- 37. (previously presented) The method of claim 30 wherein the first and additional polypeptide each comprise an antibody constant domain.
- 38. (previously presented) The method of claims 37 wherein the first and additional polypeptide each comprise an antibody constant domain selected from the group consisting of a C<sub>H</sub>3 domain and an IgG.
- 39. (previously amended) The method of claim 30 wherein the antibody is a multispecific immunoadhesin.
- 40. (previously presented) The method of claim 30 wherein step (i) is preceded by a step wherein the nucleic acid encoding the first and additional polypeptide is introduced into the host cell.
- 41. (currently amended) A host cell comprising a nucleic acid encoding the multispecific antibody of claim 30.
  - 42. (previously presented) The host cell of claim 41 wherein the host cell is a mammalian cell.
  - 43. (previously amended) A method of preparing a multispecific antibody comprising:
  - (a) selecting a first nucleic acid encoding a first polypeptide comprising an altered amino acid residue in an interface of the first polypeptide, wherein the altered amino acid in the interface is an amino acid from at least one additional polypeptide, and selecting at least one additional nucleic acid encoding the at least one additional polypeptide so that the amino acid residue on the additional polypeptide specifically interacts with the altered amino acid residue on

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the first polypeptide, thereby generating a stable interaction between the first and said additional polypeptides;

- selecting a light chain encoding nucleic acid sequence, wherein the light chain is **(b)** meant to associate with the binding region of each first and additional polypeptide of the multispecific antibody;
- introducing into a host cell the first and additional nucleic acids and the light (c) chain-encoding nucleic acid, and culturing the cell so that expression of the first and additional nucleic acids and the light chain-encoding nucleic acid occurs to form a multispecific antibody;
  - recovering the multispecific antibody from the cell culture. (d)
- (currently amended) The method of claim 43, wherein at least one of the first and 44. additional nucleic acids of step (a) are altered from the an original nucleic acid to encode an amino acid in the interface that interacts with an amino acid of the first or additional amino acid residue thereby generating the stable interaction.
- (previously presented) The method of claim 44 wherein the altering comprises 45. generating a protuberance-into-cavity interaction at the interface between the first and additional polypeptides.
- (previously presented) The method of claim 44 wherein the altering comprises importing 46. a free thiol-containing residue into the first or additional polypeptide or both, such that the free thiol-containing residues interact to form a disulfide bond between the first and additional polypeptides.
- (previously presented) The method of claim 43 wherein the first and additional 47. polypeptide each comprise an antibody constant domain.



- (previously presented) The method of claim 47 wherein the antibody constant domain is 48. a C,3 domain.
- (previously presented) The method of claim 48 wherein the antibody constant domain is 49. from a human IgG.